

Datasheet for ABIN6720305

Resistin ELISA Kit



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1 Image

Overview

Quantity:	1 kit
Target:	Resistin (RETN)
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	31.2 pg/mL - 2000 pg/mL
Minimum Detection Limit:	31.2 pg/mL
Application:	ELISA

Product Details

Purpose:	Mouse Resistin Sandwich ELISA Kit for Quantitative Detection
Brand:	AccuSignal™
Sample Type:	Cell Culture Supernatant, Plasma (heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Production: Natural and recombinant mouse Resistin. There is no detectable cross-reactivity with other relevant proteins.
Sensitivity:	< 2 pg/mL
Components:	<ul style="list-style-type: none"> • Antibody-coated 96-well plate • Target Protein Standard • Detection antibody

Product Details

- Detection reagent
- Diluent buffers
- Wash buffers
- Substrate Solution
- Stop solutions
- Adhesive covers

Target Details

Target:	Resistin (RETN)
Alternative Name:	Resistin (RETN Products)
Background:	<p>Synonyms: Adipose tissue specific secretory factor, Adipose tissue-specific secretory factor, ADSF, C/EBP epsilon regulated myeloid specific secreted cysteine rich protein, C/EBP epsilon regulated myeloid specific secreted cysteine rich protein precursor 1, Cysteine rich secreted protein A12 alpha like 2, Cysteine rich secreted protein FIZZ3, Cysteine-rich secreted protein A12-alpha-like 2, Cysteine-rich secreted protein FIZZ3, FIZZ3, Found in inflammatory zone 3, Resistin, Resistin delta2, RETN_HUMAN, RETN1, XCP 1, XCP1</p> <p>Background: Resistin is an adipose-derived hormone postulated to link adiposity to insulin resistance. Type 2 diabetes, characterized by target-tissue resistance to insulin, is epidemic in industrialized societies and is strongly associated with obesity. Adipocytes secrete a unique signalling molecule, which called resistin (for resistance to insulin), that may be the hormone potentially links obesity to diabetes. Resistin is overexpressed in mouse adipose tissue of obese individuals and is likely to modulate insulin sensitivity. Resistin is, therefore, a candidate gene for insulin resistance. The standard product used in this kit is mouse Resistin with the molecular mass of 51-53KDa. The detected Resistin includes zymogen and active enzyme.</p>
Gene ID:	57264
NCBI Accession:	NP_001191888
UniProt:	Q5BMX4
Pathways:	Feeding Behaviour , Smooth Muscle Cell Migration

Application Details

Application Notes:	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 2000pg/mL, 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL, 31.2pg/mL mouse Resistin standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent
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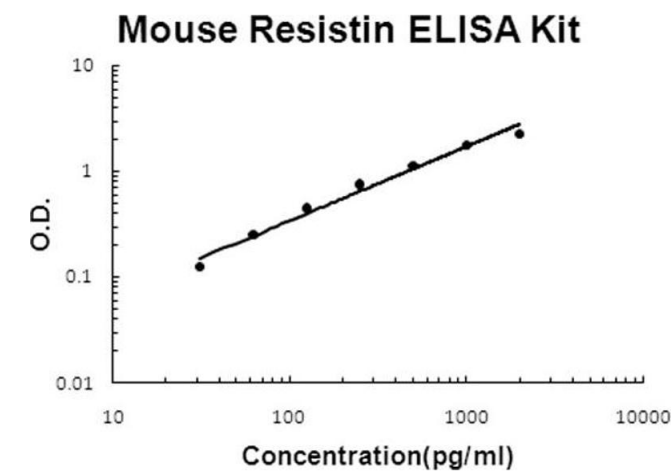
Application Details

	buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of mouse cell culture supernates, serum or plasma(heparin) to each empty well. We recommend that each mouse Resistin standard solution and each sample is measured in duplicate.
Comment:	Standard: Expression system for standard: E.coli, Immunogen sequence: S21-S114
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	4 °C,-20 °C
Storage Comment:	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.
Expiry Date:	12 months

Images



ELISA

Image 1. Mouse Resistin Accusignal ELISA Kit Mouse Resistin AccuSignal ELISA Kit standard curve. Assay Range: 31.2pg/ml-2000pg/ml. Sensitivity: <2pg/ml.